

Morbidity and Mortality

Weekly
Report

PUBLIC HEALTH SERVICE

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Prepared by the NATIONAL OFFICE OF VITAL STATISTICS Executive 3-6300, Ext. 4744

For release May 3, 1957

Washington 25, D. C.

Vol. 6, No. 17

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended April 27, 1957

Thus far in 1957 the reported incidence of poliomyelitis has been about one-half of that for the same period of 1956. The number of paralytic cases has also been about half of that for last year. In about half of the States, the numbers of cases reported since January 1 have been substantially below (50 percent or more) the numbers for last year. In about one-fourth of the States, there have been increases as compared with 1956, some of which amounted to 100 percent or more. However, several of these are based on a small number of cases and, as a consequence, may not be considered significant. The chart on page 8 shows the numbers of cases reported in each State by rank order for the first 16 weeks of 1957 and the numbers reported during the corresponding period of 1956. Paralytic cases follow a pattern similar to that of all cases although the numbers of cases are not the same.

EPIDEMIOLOGICAL REPORTS

Influenza

The following reports have been received by the Influenza Information Center.

The Division of Preventive Medicine, Office of the Surgeon General, Air Force, has received information that an epidemic of respiratory disease in Hong Kong has been confirmed as influenza, but the type is not yet determined. The epidemic is said to be occurring mostly among refugees. It is reported that the disease, which clinically is characteristic of influenza, spread rapidly but was mild and no deaths were reported. About 15 to 20 percent of the population is said to have been affected.

Dr. K. E. Jensen, International Influenza Center, Montgom-

Continued on page 2

Table 1. Cases of Specified Notifiable Diseases: Continental United States

(Numbers after diseases are category numbers of the Sixth Revision of the International Lists, 1948)

DISEASE	17th WEEK			CUMULATIVE NUMBER						Approximate seasonal low point
	Ended Apr. 27, 1957 ¹	Ended Apr. 28, 1956	Median 1952-56	First 17 weeks			Since seasonal low week			
				1957 ¹	1956	Median 1952-56	1956-57 ¹	1955-56	Median 1951-52 to 1955-56	
Anthrax-----062	21	3	-	8	24	13	(3)	(3)	(3)	(3)
Botulism-----049.1	-	-	-	-	-	5	(3)	(3)	(3)	(3)
Brucellosis (undulant fever)-----044	20	22	24	308	296	462	(3)	(3)	(3)	(3)
Diphtheria-----065	19	28	37	356	629	682	1,111	1,959	1,996	July 1
Encephalitis, infectious-----082	31	35	29	390	422	394	1,954	1,344	1,344	June 1
Hepatitis, infectious, and serum-----092,N998.5 pt.	294	437	736	6,352	8,334	10,906	11,551	15,837	---	Sept. 1
Malaria-----110-117	1	2	5	28	51	108	(3)	(3)	(3)	(3)
Measles-----085	19,729	32,607	30,475	268,300	307,864	324,856	305,504	336,962	356,197	Sept. 1
Meningococcal infections-----057	68	70	111	961	1,199	1,901	1,692	2,122	3,130	Sept. 1
Meningitis, other-----340	28	20	---	542	499	---	---	---	---	---
Poliomyelitis-----080	48	75	91	672	1,370	1,585	145	303	328	Apr. 1
Paralytic-----080.0,080.1	17	43	---	338	751	---	64	168	---	Apr. 1
Nonparalytic-----080.2	24	18	---	228	369	---	65	84	---	Apr. 1
Unspecified-----080.3	7	14	---	106	250	---	16	51	---	Apr. 1
Psittacosis-----096.2	7	14	4	86	130	68	(3)	(3)	(3)	(3)
Rabies in man-----094	41	1	-	1	5	2	(3)	(3)	(3)	(3)
Typhoid fever-----040	19	49	35	322	465	465	65	153	111	Apr. 1
Typhus fever, endemic-----101	1	2	2	29	25	44	4	6	8	Apr. 1
Rabies in animals-----	90	101	172	1,736	2,067	2,905	2,700	3,094	4,420	Oct. 1

¹Data exclude report from Idaho for the current week.

²Reported in Pennsylvania.

³Data show no pronounced seasonal change in incidence.

⁴Reported in California.

Symbols.—1 dash [-]: no cases reported; 3 dashes [---]: data not available.

EPIDEMIOLOGICAL REPORTS—Continued

ery, Alabama, states that at present 30 isolates of influenza have been received by the Center this year. All are clearly within the type A set of strains currently distributed worldwide. Continued studies with representative viruses are in progress with the view toward more detailed antigenic analyses and comparisons of virulence. Regional laboratories are encouraged to send additional isolates so that other variants can be included in these observations. Laboratories collaborating in the program are requested by the Center to send representative isolates to their Regional Laboratories. The plan has been that these laboratories would function as a "clearinghouse," provide rapid antigenic typing service, and forward a limited number of viruses to the Center for more detailed, long-term studies. When laboratories send isolates directly to the Center, copies of the communications should be forwarded also to the Regional Laboratories which may then request the viruses if desired.

Rabies in man

The California State Department of Public Health has reported a case of rabies in a 41-year-old man living in Orange County. The patient developed symptoms on April 7 and died 4 days later. The diagnosis was confirmed by microscopic examination of brain tissue and by mouse inoculation.

Psittacosis

The California State Department of Public Health has reported 2 confirmed cases of psittacosis. One additional case was reported but for it there was no rise in complement fixation titer and because of a long incubation period it was not considered a confirmed case. However, a titer of 1:32 indicated a previous infection. An X-ray examination of the chest of one patient showed an abnormal density inferior to the right hilar area with some discoid atelectasis extending laterally from this region as well as above the right costal phrenic angle. This patient owned a parakeet which was thought to have killed itself. The owner denies that the bird was ill. The other patients also owned parakeets which died. No tests were made on any of the dead birds.

Dr. S. H. Osborn, Connecticut State Department of Health, has reported a case of psittacosis in a 65-year-old man. This man became ill with fever and fatigue, but had no definite upper respiratory symptoms. A blood specimen collected about 3 days after onset of illness was positive for psittacosis in a dilution of 1:64. The patient had been exposed to a parakeet purchased in Massachusetts. The bird died; the body was destroyed and was not available for laboratory tests.

Chemical poisoning

Dr. J. D. Martin, Louisiana State Department of Health, has reported the occurrence of 3 cases of lead poisoning in 1 family. The patients experienced abdominal cramps, nausea, vomiting, diarrhea, and metallic taste from 45 minutes to 2 hours after eating duck. The duck had been killed in the southwestern part of the State and had been stored in a freezer for approximately 2 months prior to consumption. Chemical analysis of the remaining portion of the meat revealed the presence of 0.12 percent of lead (as Pb).

Gastro-enteritis

The California State Department of Public Health has reported an outbreak of gastro-enteritis among 65 persons in a boys' camp. Of these, 11 became ill with fever, nausea, vomiting, headache, cramps, and diarrhea from 3 to 14 hours after eating pork roast and gravy. Bacteriologic examination of raw and cooked pork and gravy revealed a small number of staphylococci.

The California State Department of Public Health also reports 4 cases of *Staphylococcus aureus* food poisoning following the ingestion of ham sandwiches in a restaurant.

Histoplasmosis

Dr. Mason Romaine, Virginia State Department of Health, has reported a case of histoplasmosis in a 9-year-old boy. This child visited relatives and explored their chickenhouse. One week later he became ill with fever (105 degrees), cough, and weakness. These symptoms lasted for approximately 2 weeks. The patient was hospitalized and a physical examination revealed characteristic radiologic findings and a positive intradermal skin test for histoplasmosis.

QUARANTINE MEASURES

Immunization Information for International Travel
Public Health Service Publication No. 384

The following name should be added to the list of Designated Yellow Fever Vaccination Centers, Section 6:

Center	Clinic hours	Fee
Knoxville-Knox County Health Department P. O. Box 1070 Knoxville, Tennessee Tel. 2-5196 or 4-1163	By appointment only	No

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED APRIL 28, 1956 AND APRIL 27, 1957

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	BRUCELLOSIS (UNDULANT FEVER)		DIPHTHERIA 055				ENCEPHALITIS, INFECTION		HEPATITIS, INFECTION, AND SERUM 092,N98.5 pt.			
	044		17th week		Cumulative first 17 weeks		082		17th week		Cumulative first 17 weeks	
	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956
CONT. UNITED STATES ¹ -----	20	22	19	28	356	629	31	35	294	437	6,352	8,334
NEW ENGLAND-----	1	1	-	-	11	4	2	-	21	37	337	561
Maine-----	-	-	-	-	1	-	-	-	4	5	99	136
New Hampshire-----	-	-	-	-	-	1	-	-	-	1	7	19
Vermont-----	-	-	-	-	-	-	-	-	7	10	63	86
Massachusetts-----	-	1	-	-	10	3	1	-	5	8	91	120
Rhode Island-----	-	-	-	-	-	-	-	-	3	6	31	66
Connecticut-----	1	-	-	-	-	-	1	-	2	7	46	134
MIDDLE ATLANTIC-----	-	-	1	1	30	24	5	10	40	81	870	1,613
New York-----	-	-	-	-	18	10	5	8	25	54	475	873
New Jersey-----	-	-	-	-	5	5	-	2	7	5	143	154
Pennsylvania-----	-	-	1	1	7	9	-	-	8	22	252	586
EAST NORTH CENTRAL-----	6	8	2	8	27	133	4	9	41	73	1,223	1,327
Ohio-----	-	-	-	-	5	12	-	-	9	20	309	328
Indiana-----	-	-	1	6	8	70	1	1	16	17	182	213
Illinois-----	5	5	-	-	-	2	1	-	8	21	247	336
Michigan-----	-	-	1	2	13	48	2	8	6	14	356	299
Wisconsin-----	1	3	-	-	1	1	-	-	2	1	129	151
WEST NORTH CENTRAL-----	8	8	-	3	32	66	1	-	23	30	412	727
Minnesota-----	1	1	-	-	19	24	-	-	8	13	138	219
Iowa-----	2	5	-	1	4	15	1	-	6	7	98	186
Missouri-----	-	-	-	-	1	6	-	-	1	2	78	37
North Dakota-----	-	1	-	-	1	-	-	-	2	4	57	68
South Dakota-----	2	-	-	-	4	1	-	-	6	1	23	102
Nebraska-----	1	-	-	2	1	18	-	-	-	3	10	64
Kansas-----	2	1	-	-	2	2	-	-	-	-	8	51
SOUTH ATLANTIC-----	1	2	9	8	105	120	6	-	28	20	474	497
Delaware-----	-	-	-	-	-	-	-	-	-	-	4	14
Maryland-----	-	-	-	-	1	-	-	-	9	2	59	50
District of Columbia-----	-	-	-	-	-	1	-	-	1	1	9	8
Virginia-----	-	-	1	1	4	17	-	-	9	8	190	212
West Virginia-----	-	-	-	-	1	4	-	-	1	1	37	22
North Carolina-----	-	-	-	-	16	16	1	-	3	3	38	47
South Carolina-----	-	-	-	3	16	23	1	-	-	1	11	24
Georgia-----	1	1	3	-	22	24	1	-	1	1	54	58
Florida-----	-	1	5	4	45	35	3	-	4	3	72	62
EAST SOUTH CENTRAL-----	-	-	5	1	51	89	1	1	38	28	919	747
Kentucky-----	-	-	-	-	11	4	-	-	27	6	378	220
Tennessee-----	-	-	1	-	5	16	-	1	6	15	370	350
Alabama-----	-	-	4	-	21	47	1	-	5	3	107	76
Mississippi-----	-	-	-	1	14	22	-	-	-	4	64	101
WEST SOUTH CENTRAL-----	2	2	1	5	83	154	-	2	24	43	441	634
Arkansas-----	1	-	-	-	6	16	-	-	1	8	35	66
Louisiana-----	-	2	-	1	7	16	-	-	-	2	26	36
Oklahoma-----	1	-	1	2	12	47	-	-	2	2	57	38
Texas-----	-	-	-	2	58	75	-	2	21	31	323	494
MOUNTAIN ¹ -----	1	1	-	1	11	14	-	-	31	35	589	898
Montana-----	-	-	-	-	2	-	-	-	7	17	85	255
Idaho-----	-	-	-	1	1	1	-	-	-	2	134	114
Wyoming-----	-	-	-	-	1	3	-	-	4	2	20	48
Colorado-----	1	-	-	-	1	3	-	-	4	7	79	184
New Mexico-----	-	-	-	-	5	1	-	-	13	1	220	81
Arizona-----	-	-	-	-	1	5	-	-	3	6	107	187
Utah-----	-	1	-	-	-	1	-	-	-	-	23	27
Nevada-----	-	-	-	-	-	-	-	-	-	-	21	2
PACIFIC-----	1	-	1	1	6	25	12	13	48	90	1,087	1,330
Washington-----	1	-	-	1	-	3	-	-	12	19	167	303
Oregon-----	-	-	1	-	2	8	-	-	7	16	234	254
California-----	-	-	-	-	4	14	12	13	29	55	686	773
Alaska-----	-	-	-	-	-	-	-	-	2	7	31	50
Hawaii-----	-	-	-	-	-	-	-	-	3	-	19	15
Puerto Rico-----	-	-	2	1	13	17	-	-	1	11	33	86

¹Data exclude report from Idaho for the current week.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED APRIL 28, 1956 AND APRIL 27, 1957—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	POLIOMYELITIS 080								MALARIA		MEASLES	
	Total ²				Paralytic		Nonparalytic					
	17th week		Cumulative first 17 weeks		080.0,080.1		080.2		110-117		085	
	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956	1957	1956
CONT. UNITED STATES ¹ -----	48	75	672	1,370	17	43	24	18	1	2	19,729	32,607
NEW ENGLAND-----	-	-	5	37	-	-	-	-	-	-	1,536	217
Maine-----	-	-	1	8	-	-	-	-	-	-	133	9
New Hampshire-----	-	-	-	2	-	-	-	-	-	-	6	2
Vermont-----	-	-	-	7	-	-	-	-	-	-	134	12
Massachusetts-----	-	-	1	18	-	-	-	-	-	-	531	76
Rhode Island-----	-	-	-	2	-	-	-	-	-	-	5	4
Connecticut-----	-	-	3	-	-	-	-	-	-	-	727	114
MIDDLE ATLANTIC-----	1	3	23	91	-	2	-	-	-	-	3,762	5,107
New York-----	-	2	16	65	-	2	-	-	-	-	1,601	2,294
New Jersey-----	-	-	2	8	-	-	-	-	-	-	1,729	908
Pennsylvania-----	1	1	5	18	-	-	-	-	-	-	432	1,905
EAST NORTH CENTRAL-----	3	9	71	107	-	5	1	3	-	-	3,227	11,382
Ohio-----	1	1	13	22	-	-	-	-	-	-	283	3,384
Indiana-----	-	-	18	7	-	-	-	-	-	-	501	954
Illinois-----	-	4	7	22	-	2	-	2	-	-	269	2,537
Michigan-----	1	2	23	33	-	2	1	-	-	-	852	5,253
Wisconsin-----	1	2	10	23	-	1	-	1	-	-	1,322	1,254
WEST NORTH CENTRAL-----	3	4	60	65	1	2	1	1	-	-	1,230	927
Minnesota-----	-	2	2	13	-	1	-	1	-	-	391	50
Iowa-----	-	2	4	17	-	1	-	-	-	-	415	311
Missouri-----	-	-	16	16	-	-	-	-	-	-	194	360
North Dakota-----	1	-	1	2	-	-	1	-	-	-	187	68
South Dakota-----	-	-	2	8	-	-	-	-	-	-	36	12
Nebraska-----	1	-	23	3	1	-	-	-	-	-	7	110
Kansas-----	1	-	12	6	-	-	-	-	-	-	-	36
SOUTH ATLANTIC-----	6	5	104	112	1	1	4	2	-	-	1,312	4,143
Delaware-----	-	-	1	1	-	-	-	-	-	-	11	55
Maryland-----	-	-	-	4	-	-	-	-	-	-	38	336
District of Columbia-----	-	-	-	-	-	-	-	-	-	-	62	61
Virginia-----	1	-	12	4	-	-	1	-	-	-	228	1,720
West Virginia-----	-	1	4	7	-	-	-	1	-	-	69	601
North Carolina-----	-	-	13	25	-	-	-	-	-	-	57	457
South Carolina-----	1	1	23	9	-	-	-	-	-	-	247	485
Georgia-----	-	1	17	13	-	-	-	-	-	-	355	118
Florida-----	4	2	34	49	1	1	3	1	-	-	245	310
EAST SOUTH CENTRAL-----	4	7	47	59	1	2	2	2	-	-	2,050	2,346
Kentucky-----	2	3	4	22	1	-	1	1	-	-	1,009	1,073
Tennessee-----	1	2	13	10	-	1	1	-	-	-	461	841
Alabama-----	1	-	12	2	-	-	-	-	-	-	547	295
Mississippi-----	-	2	18	25	-	1	-	1	-	-	33	137
WEST SOUTH CENTRAL-----	10	24	150	310	7	16	3	3	-	2	1,915	5,163
Arkansas-----	1	-	9	10	1	-	-	-	-	-	34	615
Louisiana-----	3	6	29	53	2	6	1	-	-	-	35	64
Oklahoma-----	-	2	7	14	-	-	-	1	-	1	95	686
Texas-----	6	16	105	233	4	10	2	2	-	1	1,751	3,798
MOUNTAIN ¹ -----	7	5	52	87	2	3	4	1	-	-	1,922	1,423
Montana-----	-	1	2	6	-	1	-	-	-	-	42	271
Idaho-----	-	1	1	11	-	-	-	1	-	-	-	87
Wyoming-----	-	-	1	3	-	-	-	-	-	-	10	9
Colorado-----	1	1	9	8	-	1	-	-	-	-	114	559
New Mexico-----	2	-	5	4	1	-	1	-	-	-	398	219
Arizona-----	3	1	18	36	-	1	3	-	-	-	424	246
Utah-----	1	-	14	8	1	-	-	-	-	-	595	32
Nevada-----	-	1	2	11	-	-	-	-	-	-	339	-
PACIFIC-----	14	18	160	502	5	12	9	6	1	-	2,775	1,899
Washington-----	-	-	2	22	-	-	-	-	-	-	457	519
Oregon-----	1	-	17	35	1	-	-	-	-	-	635	54
California-----	13	18	141	445	4	12	9	6	1	-	1,683	1,326
Alaska-----	-	-	2	2	-	-	-	-	-	-	7	22
Hawaii-----	-	-	2	44	-	-	-	-	-	-	98	50
Puerto Rico-----	-	2	4	11	-	2	-	-	-	-	112	58

¹Data exclude report from Idaho for the current week.²Includes cases not specified by type, category number 080.3.

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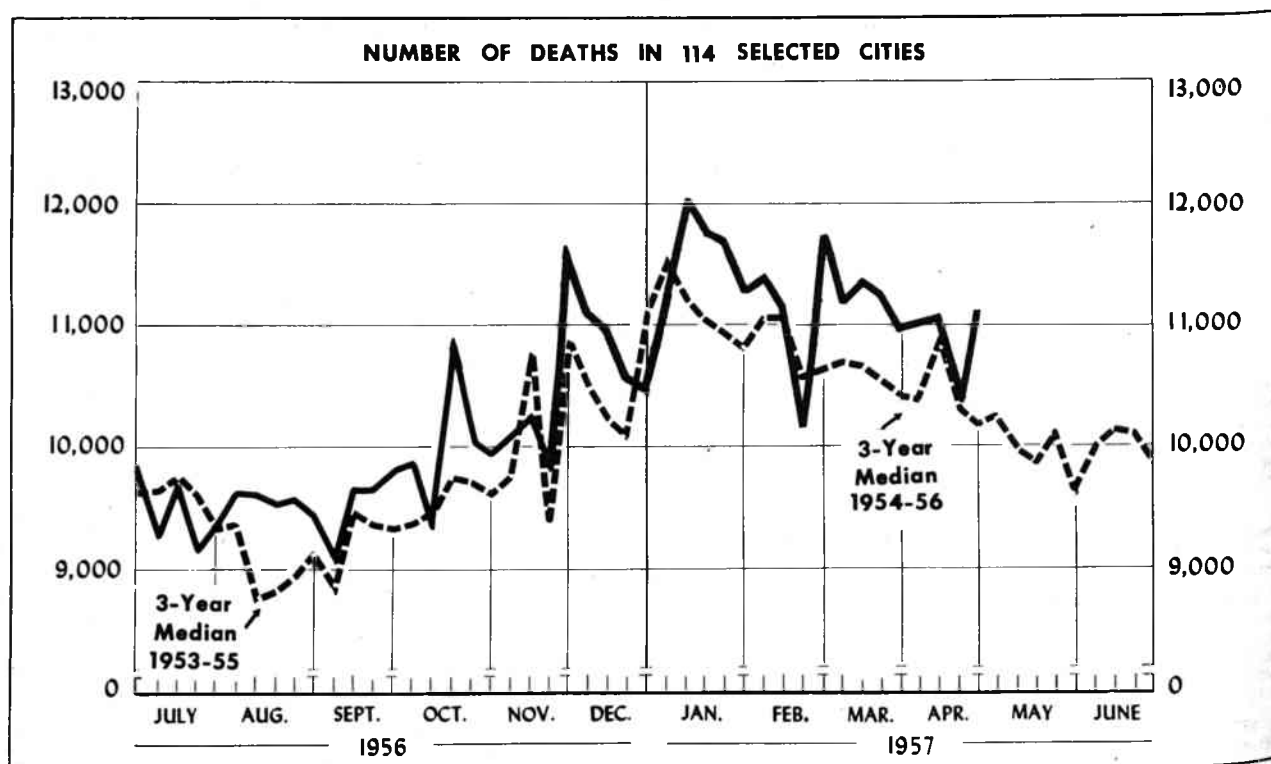
Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, ALASKA, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED APRIL 28, 1956 AND APRIL 27, 1957—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Sixth Revision of the International Lists, 1948)

AREA	MENINGOCOCCAL INFECTIONS		MENINGITIS, OTHER	PSITTACOSIS		TYPHOID FEVER 040				TYPHUS FEVER, ENDEMIC	RABIES IN ANIMALS	
	057			096.2		17th week		Cumulative first 17 weeks			101	1957
	1957	1956		1957	1956	1957	1956	1957	1956	1957		
CONT. UNITED STATES ¹ -----	68	70	28	7	14	19	49	322	465	1	90	101
NEW ENGLAND-----	5	2	4	1	-	-	-	11	16	-	-	-
Maine-----	2	-	1	-	-	-	-	1	9	-	-	-
New Hampshire-----	-	1	-	-	-	-	-	1	-	-	-	-
Vermont-----	-	-	-	-	-	-	-	-	-	-	-	-
Massachusetts-----	1	-	1	-	-	-	-	3	2	-	-	-
Rhode Island-----	-	-	2	-	-	-	-	4	1	-	-	-
Connecticut-----	2	1	-	1	-	-	-	2	4	-	-	-
MIDDLE ATLANTIC-----	8	10	-	1	1	3	9	36	61	-	3	4
New York-----	3	6	-	-	1	1	4	15	21	-	3	3
New Jersey-----	1	-	-	-	-	2	-	11	3	-	-	-
Pennsylvania-----	4	4	-	1	-	-	5	10	37	-	-	1
EAST NORTH CENTRAL-----	16	16	4	-	2	1	9	35	68	-	7	13
Ohio-----	4	-	-	-	1	-	2	16	16	-	-	-
Indiana-----	-	1	-	-	-	1	2	9	8	-	4	10
Illinois-----	3	8	4	-	-	-	-	2	7	-	2	1
Michigan-----	4	7	-	-	1	-	2	6	13	-	-	2
Wisconsin-----	5	-	-	-	-	-	3	2	24	-	1	-
WEST NORTH CENTRAL-----	1	4	-	2	2	1	4	29	66	-	23	16
Minnesota-----	-	2	-	1	2	1	-	3	26	-	13	-
Iowa-----	-	-	1	-	-	-	2	7	12	-	5	2
Missouri-----	-	2	-	-	-	-	2	11	16	-	4	12
North Dakota-----	-	-	-	-	-	-	-	1	4	-	-	-
South Dakota-----	-	-	-	-	-	-	-	3	2	-	-	-
Nebraska-----	-	-	-	-	-	-	-	-	6	-	1	2
Kansas-----	1	-	-	-	-	-	-	4	-	-	-	-
SOUTH ATLANTIC-----	16	14	8	-	6	5	12	68	75	-	17	10
Delaware-----	3	-	-	-	-	-	-	-	1	-	-	-
Maryland-----	-	4	-	-	-	-	1	1	4	-	-	-
District of Columbia-----	1	-	-	-	-	-	3	4	9	-	-	-
Virginia-----	2	2	2	-	-	-	2	13	7	-	2	3
West Virginia-----	1	3	-	-	-	-	-	11	7	-	-	2
North Carolina-----	1	4	1	-	6	-	1	8	13	-	-	-
South Carolina-----	3	1	2	-	-	1	-	4	9	-	8	4
Georgia-----	4	-	3	-	-	1	3	8	14	-	2	-
Florida-----	1	-	-	-	-	3	2	19	11	-	5	1
EAST SOUTH CENTRAL-----	8	4	6	-	-	2	3	54	47	1	11	25
Kentucky-----	2	-	-	-	-	-	1	16	9	-	10	9
Tennessee-----	1	1	6	-	-	2	2	23	28	-	1	1
Alabama-----	3	1	-	-	-	-	-	3	3	1	-	11
Mississippi-----	2	2	-	-	-	-	-	12	7	-	-	4
WEST SOUTH CENTRAL-----	4	7	4	-	1	4	10	51	83	-	14	30
Arkansas-----	-	-	-	-	-	-	2	8	14	-	2	10
Louisiana-----	1	4	-	-	-	1	4	8	16	-	1	-
Oklahoma-----	2	-	-	-	-	-	2	7	15	-	1	-
Texas-----	1	3	4	-	1	3	2	28	38	-	10	20
MOUNTAIN ¹ -----	2	5	-	1	-	2	-	17	13	-	2	-
Montana-----	1	1	-	-	-	-	-	1	-	-	-	-
Idaho-----	-	-	-	-	-	-	-	1	1	-	-	-
Wyoming-----	-	-	-	-	-	-	-	-	-	-	-	-
Colorado-----	-	3	-	-	-	1	-	3	4	-	-	-
New Mexico-----	-	-	-	-	-	-	-	6	5	-	1	-
Arizona-----	1	-	-	-	-	1	-	5	2	-	1	-
Utah-----	-	-	-	1	-	-	-	-	-	-	-	-
Nevada-----	-	1	-	-	-	-	-	-	1	-	-	-
PACIFIC-----	8	8	2	2	2	1	2	21	36	-	13	3
Washington-----	1	1	-	-	-	-	-	-	-	-	-	-
Oregon-----	-	1	2	1	-	-	1	3	5	-	-	-
California-----	7	6	-	1	2	1	1	18	31	-	13	3
Alaska-----	-	-	-	-	-	-	-	-	-	-	-	-
Hawaii-----	-	-	-	-	-	-	-	1	-	-	-	-
Puerto Rico-----	-	-	1	-	-	-	-	11	18	-	1	-

¹Data exclude report from Idaho for the current week.

Symbols.—1 dash [-]: no cases reported; 3 dashes [---]: data not available.



The chart shows the number of deaths reported for 114 major cities of the United States by week for the current year, and, for comparison, the median of the number of deaths reported for the corresponding weeks of the 3 previous calendar years. (The median is the central one of the three values arranged in order of magnitude.) If a report is not received from a city in time to be included in the total for the current week, an estimate is made to maintain comparability for graphic presentation.

The figures reported represent the number of death certificates received in the vital statistics offices during the week indicated for deaths occurring in that city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the

interval between death and receipt of the certificate.

While week-to-week changes in the total number of deaths reported for all major cities generally represent a change in mortality conditions, this may not be true for variations in weekly figures for each city. For example, in a city with a weekly average of 50 deaths, the number of deaths occurring in a week may be expected to vary by chance alone from 36 to 64 ($d \pm 2\sqrt{d}$, where d represents the average number of deaths per week).

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of their populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN SELECTED CITIES, BY GEOGRAPHIC DIVISIONS

(By place of occurrence, and week of filing certificate. Excludes fetal deaths)

AREA	17th week ended Apr. 27, 1957	16th week ended Apr. 20, 1957	17th week median 1954-56	Percent change, median to current week	CUMULATIVE NUMBER FIRST 17 WEEKS		
					1957	1956	Percent change
TOTAL: 112 REPORTING CITIES-----	11,017	10,325	10,207	+7.9	189,035	185,876	+1.7
New England----- (14 cities)	785	666	683	+14.9	12,602	12,218	+3.1
Middle Atlantic----- (18 cities)	3,127	2,951	3,059	+2.2	53,437	53,355	+0.2
East North Central----- (19 cities)	2,373	2,238	2,219	+6.9	40,888	40,705	+0.4
West North Central----- (9 cities)	855	729	734	+16.5	13,446	13,170	+2.1
South Atlantic----- (11 cities)	903	910	876	-3.1	16,214	15,740	+3.0
East South Central----- (8 cities)	467	446	434	+7.6	8,465	8,419	+0.5
West South Central----- (13 cities)	875	853	784	+11.6	15,883	14,761	+7.6
Mountain----- (8 cities)	289	296	242	+19.4	4,742	4,369	+8.5
Pacific----- (12 cities)	1,343	1,236	1,291	+4.0	23,358	23,139	+0.9

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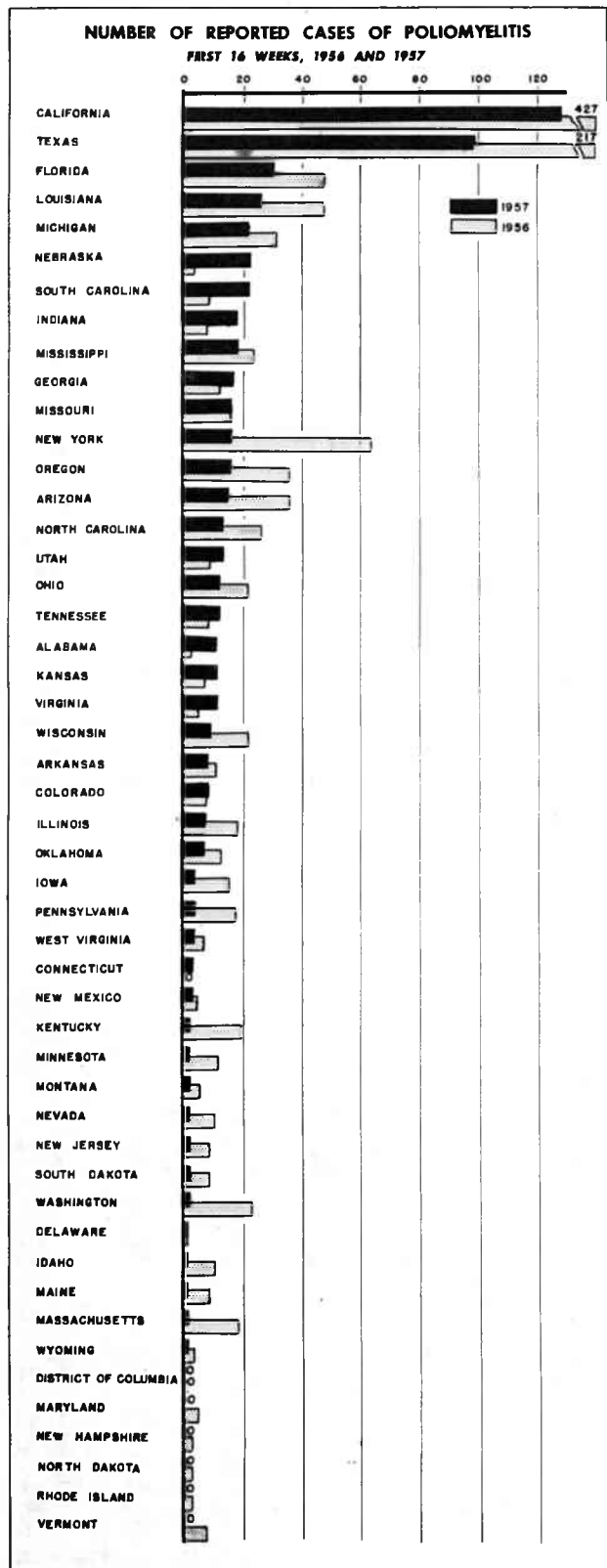
Table 4. DEATHS IN SELECTED CITIES

(By place of occurrence, and week of filing certificate. Excludes fetal deaths)

AREA	17th week ended Apr. 27, 1957	16th week ended Apr. 20, 1957	CUMULATIVE NUMBER FIRST 17 WEEKS		AREA	17th week ended Apr. 27, 1957	16th week ended Apr. 20, 1957	CUMULATIVE NUMBER FIRST 17 WEEKS	
			1957	1956				1957	1956
NEW ENGLAND					WEST NORTH CENTRAL—Con.				
Boston, Mass.-----	260	255	4,296	4,188	St. Louis, Mo.-----	243	231	4,166	4,314
Bridgeport, Conn.-----	50	34	669	625	St. Paul, Minn.-----	101	51	1,174	1,136
Cambridge, Mass.-----	42	26	548	551	Wichita, Kans.-----	42	52	774	698
Fall River, Mass.-----	30	20	477	498	SOUTH ATLANTIC				
Hartford, Conn.-----	46	36	894	841	Atlanta, Ga.-----	100	97	1,979	1,936
Lowell, Mass.-----	29	41	483	426	Baltimore, Md.-----	228	242	4,252	4,070
Lynn, Mass.-----	27	16	379	368	Charlotte, N. C.-----	33	36	625	542
New Bedford, Mass.-----	23	13	462	424	Jacksonville, Fla.-----	48	56	975	940
New Haven, Conn.-----	55	51	820	856	Miami, Fla.-----	48	55	864	923
Providence, R. I.-----	60	62	1,111	1,118	Norfolk, Va.-----	45	33	637	588
Somerville, Mass.-----	21	8	237	290	Richmond, Va.-----	78	77	1,309	1,238
Springfield, Mass.-----	53	41	770	749	Savannah, Ga.-----	23	21	515	492
Waterbury, Conn.-----	29	18	439	442	Tampa, Fla.-----	67	74	1,156	1,063
Worcester, Mass.-----	60	45	1,017	842	Washington, D. C.-----	196	186	3,269	3,312
MIDDLE ATLANTIC					Wilmington, Del.-----	37	33	633	636
Albany, N. Y.-----	50	49	886	887	EAST SOUTH CENTRAL				
Allentown, Pa.-----	36	44	681	666	Birmingham, Ala.-----	66	72	1,332	1,355
Buffalo, N. Y.-----	156	145	2,553	2,474	Chattanooga, Tenn.-----	52	35	829	723
Camden, N. J.-----	41	34	683	692	Knoxville, Tenn.-----	44	21	539	634
Elizabeth, N. J.-----	35	17	491	523	Louisville, Ky.-----	100	101	1,880	1,904
Erie, Pa.-----	38	27	606	594	Memphis, Tenn.-----	109	103	1,853	1,766
Jersey City, N. J.-----	66	56	1,227	1,316	Mobile, Ala.-----	33	41	595	589
Newark, N. J.-----	126	108	1,887	1,719	Montgomery, Ala.-----	20	21	384	493
New York City, N. Y.-----	1,564	1,595	27,975	27,861	Nashville, Tenn.-----	43	52	1,053	955
Paterson, N. J.-----	45	37	690	645	WEST SOUTH CENTRAL				
Philadelphia, Pa.-----	483	485	8,571	8,701	Austin, Tex.-----	27	20	527	514
Pittsburgh, Pa.-----	233	130	3,144	3,303	Baton Rouge, La.-----	40	19	471	377
Reading, Pa.-----	---	(22)	---	(402)	Corpus Christi, Tex.-----	16	26	346	324
Rochester, N. Y.-----	---	(79)	---	(1,681)	Dallas, Tex.-----	89	106	1,926	1,788
Schenectady, N. Y.-----	33	20	402	404	El Paso, Tex.-----	29	33	520	479
Scranton, Pa.-----	49	47	690	604	Fort Worth, Tex.-----	62	65	1,071	1,021
Syracuse, N. Y.-----	52	58	1,004	1,041	Houston, Tex.-----	148	154	2,628	2,318
Trenton, N. J.-----	50	34	816	795	Little Rock, Ark.-----	37	59	949	812
Utica, N. Y.-----	43	35	591	560	New Orleans, La.-----	174	153	3,006	2,945
Yonkers, N. Y.-----	27	30	540	570	Oklahoma City, Okla.-----	48	60	1,072	1,107
EAST NORTH CENTRAL					San Antonio, Tex.-----	86	95	1,667	1,489
Akron, Ohio-----	46	46	928	928	Shreveport, La.-----	62	27	833	795
Canton, Ohio-----	28	34	546	503	Tulsa, Okla.-----	57	36	867	792
Chicago, Ill.-----	762	742	13,109	13,207	MOUNTAIN				
Cincinnati, Ohio-----	153	145	2,730	2,792	Albuquerque, N. Mex.-----	36	24	439	401
Cleveland, Ohio-----	215	212	3,685	3,641	Colorado Springs, Colo.-----	10	15	241	234
Columbus, Ohio-----	112	116	1,955	1,948	Denver, Colo.-----	130	129	1,996	1,905
Dayton, Ohio-----	82	65	1,293	1,164	Ogden, Utah-----	9	13	210	219
Detroit, Mich.-----	299	322	5,696	5,619	Phoenix, Ariz.-----	27	22	518	480
Evansville, Ind.-----	48	33	550	617	Pueblo, Colo.-----	11	11	223	217
Flint, Mich.-----	34	37	656	650	Salt Lake City, Utah-----	46	60	759	813
Fort Wayne, Ind.-----	38	28	609	636	Tucson, Ariz.-----	20	22	356	100
Gary, Ind.-----	27	25	505	500	PACIFIC				
Grand Rapids, Mich.-----	51	45	705	736	Berkeley, Calif.-----	20	16	330	316
Indianapolis, Ind.-----	140	97	2,124	2,080	Long Beach, Calif.-----	64	53	985	929
Milwaukee, Wis.-----	148	109	2,258	2,147	Los Angeles, Calif.-----	474	436	8,525	8,580
Peoria, Ill.-----	22	29	497	475	Oakland, Calif.-----	90	80	1,681	1,644
South Bend, Ind.-----	20	21	417	426	Pasadena, Calif.-----	27	31	630	645
Toledo, Ohio-----	82	79	1,625	1,667	Portland, Oreg.-----	112	87	1,665	1,679
Youngstown, Ohio-----	66	53	1,000	969	Sacramento, Calif.-----	49	53	902	857
WEST NORTH CENTRAL					San Diego, Calif.-----	87	91	1,438	1,329
Des Moines, Iowa-----	45	45	923	886	San Francisco, Calif.-----	201	163	3,400	3,521
Duluth, Minn.-----	30	13	440	442	Seattle, Wash.-----	124	143	2,297	2,200
Kansas City, Kans.-----	33	29	544	534	Spokane, Wash.-----	52	49	809	809
Kansas City, Mo.-----	136	150	2,070	1,881	Tacoma, Wash.-----	43	34	696	630
Minneapolis, Minn.-----	148	102	2,135	2,140	Honolulu, Hawaii-----	(31)	(23)	(676)	(629)
Omaha, Nebr.-----	77	56	1,220	1,139					

Symbols.—parentheses [()] : data not included in table 3; 3 dashes [---] : data not available.

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SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and of Alaska, Hawaii, and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting on these diseases. In addition, when diseases of rare occurrence (cholera, dengue, plague, louse-borne relapsing fever, smallpox, louse-borne epidemic typhus, and yellow fever) are reported, this will be noted at the end of table 1.

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